

STEEL MATE
Automotive®

Bluetooth car kit

[SHF-3001]



Control Panel
Wireless
Echo Cancellation & Noise Reduction



Manual

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User's Manual

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SHF-3001

User's Manual

Attention

- This device should be installed by a professional auto technician.
- For your safety, please use handsfree car kit while driving.



Road safety comes first

The user should obey all the local laws and regulations concerned, and keep both hands on the wheel.



Interference

The performance of this device may be affected by other electronic devices due to the interference.



Switch off when refueling

It is forbidden to use this device while refueling gasoline, and in places with fuel and chemicals nearby.



Proper usage

Use this device in accordance with the user's manual.

Reasons to choose Steelmate

1. Professional manufacturer with high quality standards.
2. There are agents/distributors in more than 80 countries to supply local service.
3. More than 100 engineers in the company, you can enjoy the latest technology.
4. More than 300 patents.
5. Products have international approvals, high quality guaranteed.
6. Leading manufacturer in automotive industry, ISO9001, ISO/TS16949, ISO14001 and OHSAS18001 certified.
7. Leading brand in China, recognized worldwide.

Key features

- Advanced noise reduction and echo cancellation for better sound quality
- Adaptive Frequency Hopping technology for interference reduction
- Ultra sensitive microphone
- Voice dialing function
- Audio streaming
- Wireless control panel, easy to access and operate
- Automatically mutes the car stereo while speaking

Technical specifications

Input voltage: 9~16VDC

Working current (while talking) : <1A

Frequency: 2.402GHz~2.480GHz

Radio channel: F=2402+kMHz, k=0,....., 79

Transmitting power: <4dBm

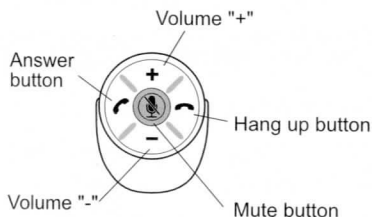
Communication profile: HSP, HFP, A2DP, AVRCP

Working temperature: -20°C~+75°C

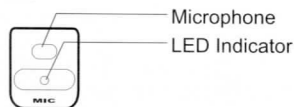
Storage temperature: -40°C~+85°C

Brief look of each device

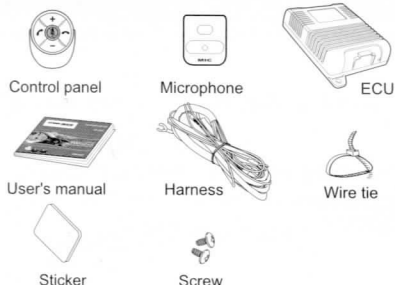
Wireless control panel



Microphone



Packing list



Brief operation

Making and answering calls

Answer	short press
Reject	short press
Voice dial	short press
Redial	press twice
Auto answer	press 2 sec
Cancel auto answer	press 2 sec

In a call

+ Volume up	short press
- Volume down	short press
+ Private call	press 2 sec
+ Reconnect call	press 2 sec
Microphone mute	press 2 sec
Cancel MIC mute	press 2 sec
Hang up	short press
Disconnect	press 2 sec

(Temporary disconnects phone until either you manually connect again or turn ignition off and on again.)

"+" and "-"

Delete pairings press 5 sec
(Press button "+" and "-" together and hold for 5 sec to delete all paired phone from the system, two beeps from the system will confirm the action.)

Pairing your phone

Prior to use the **Steelmate Bluetooth car kit** with your phone for the first time, you must initially pair both devices. Please follow the steps below:

1. Hold both **+** and **-** buttons for 1 second, the kit will beep once with yellow LED blinks. This puts the system into pairing mode for 3 minutes.
2. Search for peripherals (consult your phone's user guide) .
3. Select "STEEL-MATE01" in the list of the phone.
4. Enter "0000" on your phone when prompted.



Hold **+** and **-** button for 1 second



The microphone beeps once, the yellow LED blinks



Select "STEEL-MATE01" in the list



The yellow LED turns on solid. Both devices are paired

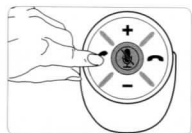
Note:

1. Some phones of certain brands may require manual connection. If another phone needs to be paired with the kit, you need to disconnect the current connection first, and then repeat the operations above.
2. The system can be paired up to 8 devices. To pair the ninth device, the first paired device will be deleted automatically.
3. For NOKIA users: If you want the kit to connect automatically, you must select edit device, select the "STEEL-MATE01" and change default to: Device Authorised "yes" or Conn Auth "yes". Next time, when you enter the car, your phone will be automatically connected to the kit.

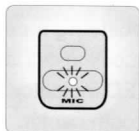
Connecting

Turn ignition on, the system will search and connect with the paired phone automatically. If the system can't detect the last paired device, it will try to connect with the penultimate paired device and so on. If the system still can't find any pre-paired device within 90 seconds, it will turn off automatically.

To connect the phone after 90 seconds, you need to connect the phone manually as below:



Press "☎" once



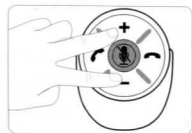
Yellow LED blinks to search the paired phone



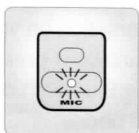
The yellow LED turns on solid. Connected

Note: When the phone is out of the Bluetooth car kit's operation range, the call will be transferred back to the phone automatically. Once ignition is turned OFF, the kit will also be turned OFF.

Clearing the memory



Hold "+" and "-" for 5 seconds



Yellow and blue LED blinks quickly



Beeps twice, memory cleared

Be-- Be--

All the paired phones' records will be cleared.

1. Making a call

1) Making a call from the phone

Once your phone is connected with the kit, enter the number you want to dial and press the dial button on the phone.

2) Voice dial

By short pressing the  button to activate the voice dial function, the system beeps once. Speak out the name of the person you wish to call. These names must be pre-recorded on the phone. Follow the instructions in your phone user's manual on how to record the voice prints on your phone.

3) Redial

To redial the last called number, press the  button twice.

2. Rejecting a call

Short press the  button to reject an incoming call.

3. Auto or manual answering selection

You can select auto or manual answering when your phone is connected.

1) To switch from manual answering to auto answering:

Press **-** button for 2 seconds, the Bluetooth car kit confirms the auto answering is on with a long beep.

2) To switch from auto answering to manual answering:

Press **=** button for 2 seconds, the Bluetooth car kit will beep three times to confirm the manual answering is on.

※ *Default setting: manual answering.*

4. Receiving a call

An incoming call is indicated by a ringtone and the LED indicator flashing quickly on the Bluetooth car kit.

1) If auto answering mode is selected:

The Bluetooth car kit will answer the call automatically after ringing or vibrating for about 10 seconds.

2) If manual answering mode is selected:

Press the  button once to answer the call. The car stereo will be muted automatically and the call will be reproduced through the vehicle's front speaker.

5. Private call

During a call, if you want to continue the conversation on your phone (private conversation), press the **+** button for 2 seconds on the Bluetooth car kit, the call is transferred to the phone.

To get the call back to the kit, press the **+** button for 2 seconds again.

6. Disconnecting from kit

If you enter the car and you do not want any phone calls in hands free mode, just press the  button for 2 seconds and the Bluetooth car kit will be disconnected. When calls come in, they will only be transferred to the phone. To manually connect again, press the  button once or turn the ignition off and on again.

7. Volume adjustment

The sound volume in the vehicle can be increased or decreased during the call by short pressing the **+** button (for increasing the volume) and the **-** button (for reducing the volume).

8. Microphone mute:

During a call, if you do not want the person at the other end of the line to hear you, hold the  button for 2 seconds, the microphone will be muted.

Hold the  button for 2 seconds again to cancel the mute.

9. Ending a call

To end a conversation, press the  button, the car stereo will automatically come back on.

10. Audio streaming:

This function will let you play the music files on your phone over the vehicle's speaker (This feature depends on the audio streaming compatibility of your phone).

FAQ

• Can all the mobile phones be paired with the kit?

a) No. The kit only works with phones which have Bluetooth handsfree function and are compatible with Bluetooth standard protocol.

• Pair failure?

a) Wrong password. Please refer to page 4 of this manual, by following the pairing operation steps and enter the correct password.

b) The kit is in the locked status. Turn ignition OFF, and then turn ignition on after 10 seconds to restart the kit. Follow the steps in page 4 to pair again.

c) The phone is in disorder. Please turn on the phone and follow the steps in page 4 to pair again.

d) Overtime pairing operation. Please follow the steps in page 4 to pair again.

e) It is interfered by other devices. Please turn off other devices temporarily.

f) Some phones do not support the kit or the frequency is out of range.

g) Distance is out of range. When paring, the distance between the phone and Steelmate Bluetooth car kit should be less than 10 meters

● Auto search failure?

a) Some phones need to be paired manually, such as: NOKIA 3230. Please refer to your phone's manual.

● The phone can not be disconnected?

a) Some phones may not support this function.

● Call transfer failure?

a) Some phones need to transfer calls to the Bluetooth car kit manually, please refer to your phone's manual.

b) The Bluetooth car kit can not work properly with some phones when they are in low battery status. Please recharge the phone and try again.

● No ring tone from the Bluetooth car kit?

a) Ring tone volume setting is too low on the phone. Please adjust it to a proper level.

b) The phone is muted. Please switch it back to the normal mode.

● Music transfer failure?

a) Some phones need to transfer music to the Bluetooth car kit manually, such as Samsung E908, please refer to the phone's manual.

b) Some phones do not support this feature, please refer to your phone's manual.

c) The Bluetooth car kit can not work properly with some phones when they are in low battery status. Please recharge it in time.

● The ring tone of the incoming call from the Bluetooth car kit is too loud and distorted?

A) Ring tone volume setting is too loud. Please adjust it to a proper level.

● Why can't I redial the last dialed number?

a) Some phones do not support this feature, such as Samsung E908, please refer to your phone's manual.

• Why can't the Bluetooth car kit answer calls automatically?

a) It is in the manual answering mode. Please refer to page 6 to turn the automatic answer mode ON.

• Voice dialing failure?

a) Some phones do not support this function. Please refer to your phone's manual.

• Why can't I mute the car stereo?

a) Some cars may not have the car audio mute control terminal, please adjust the volume manually to answer the calls.

• After hanging up, why does the car stereo need to take some time to resume?

The resume time depends on your phone, the working process is as below: Ending calls→ phone sends the audio-shutdown signal→ the kit resumes the stereo. The second step is the key. Different phones may have different resume times, some may be quicker, such as NOKIA, some slower, such as MOTOROLA.

I. The unit is warranted for a limited period of time from the date of purchase. In the unlikely event of a defect arising in this product when used in accordance with the manufacturer's instructions, the parts would be repaired or replaced free of charge.

a) It is required to show warranty card when making any warranty claims.

b) The model and the unit's serial number must be the same as the information on the warranty card.

II. This warranty is non-transferable and is automatically void if:

a) The original purchaser has not completed the warranty card.

b) The unit's serial number is defaced, missing or altered.

c) The unit has been modified or used in a manner contrary to its intended purpose.

d) The unit has been damaged by accident, unreasonable use, neglect, improper installation or service.

III. The warranty does not cover:

a) Damage caused by incorrect or poor installation problems which may be caused

by anomalies in the vehicle's electrical system or originating from the environment in which the system is operated;

b) Damage to the system caused by accident or improper use in any manner whatsoever not the fault of Steelmate, including but not limited to damage by water or as a result of excess voltage applied to the system or if misused or repaired or altered in any way other than by Steelmate or it's authorized agent.

Steelmate warranty card

User:

Tel:

Vehicle Reg No.:

Product Model No.:

Serial No.:

Date of Installation:

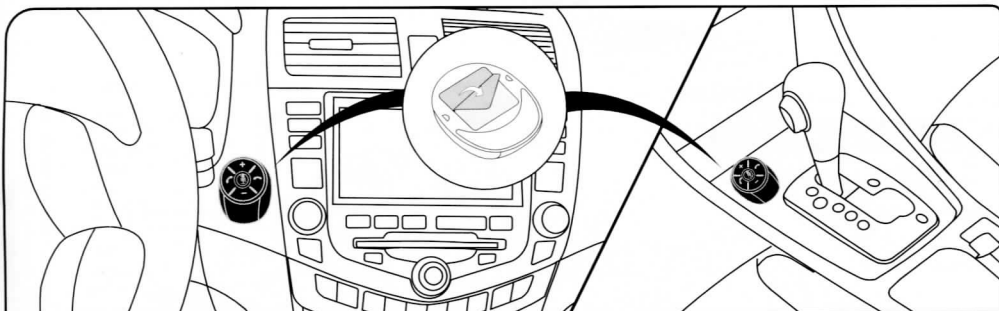
Name of the Retailer:

Signed by Retailer:

SHF-3001

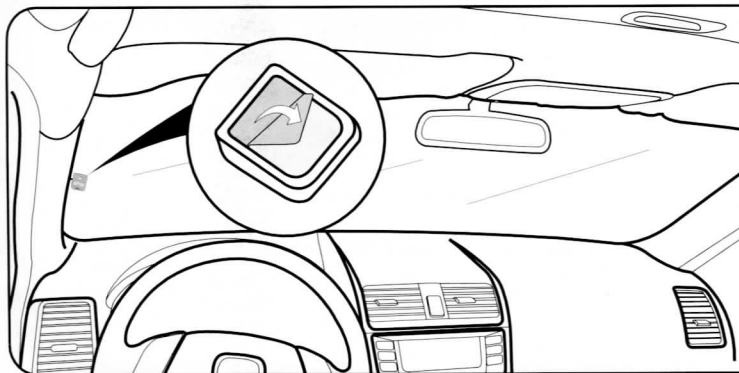
Installation Manual

Control panel installation



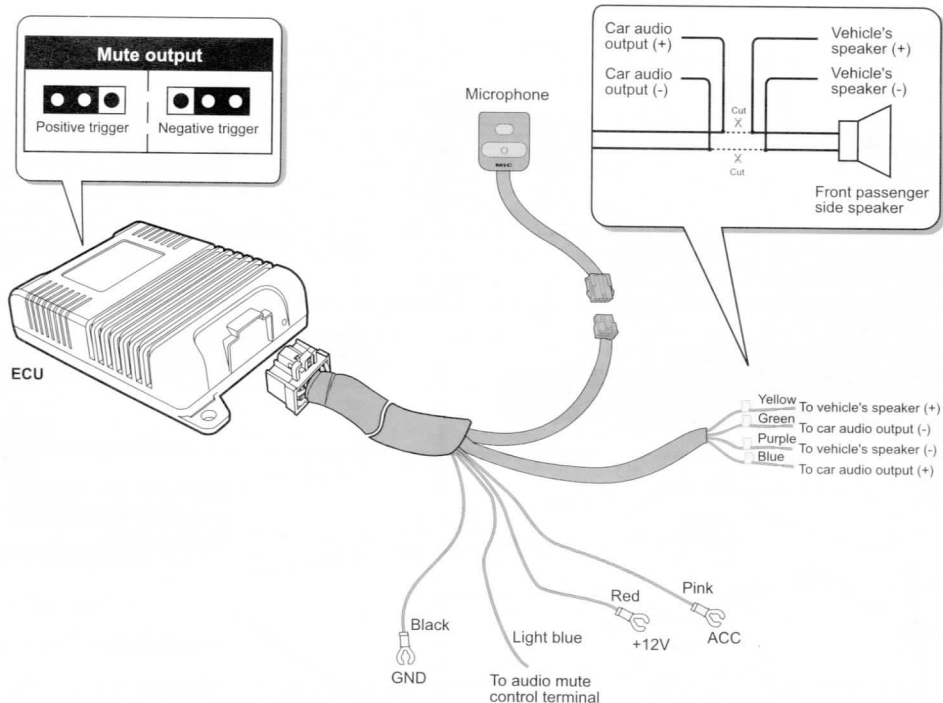
Please install the control panel according to your use habit and these positions are just for reference. Clean the installation spot before sticking the control panel.

Microphone installation

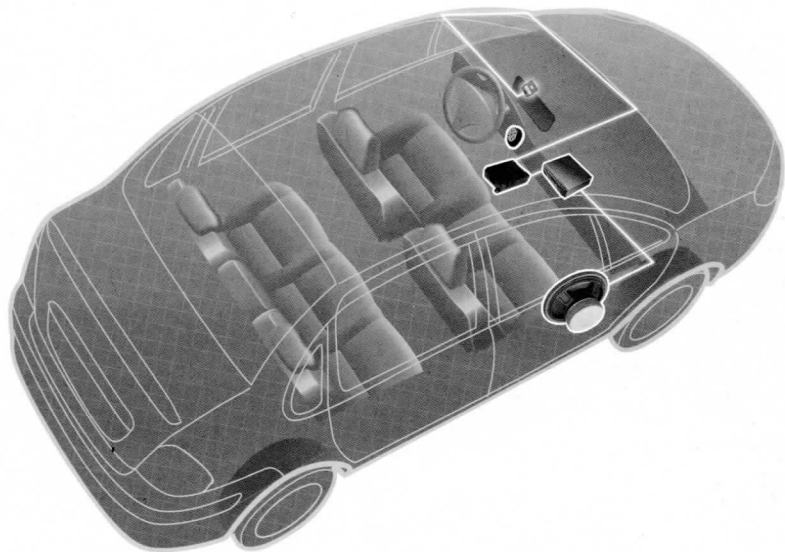


Stick the microphone on the windscreen near driver's seat.

Wiring diagram



Installation diagram



In order to achieve better sound quality and avoid echoes, please connect the cable to the front passenger side speaker.

Think safety think Steelmate



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www.steel-mate.com

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PC10535/A